

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Brian Craig Lee et al

Confirmation No.:

Application No.: Unassigned

Examiner:

Filing Date: Herewith

Group Art Unit: 1734

Title: Fluid Ejection Cartridge And System For Dispensing A Bioactive Substance

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)

under 37 CFR 1.97(c) together with either a:
 Statement under 37 CFR 1.97(e), or
 a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)

under 37 CFR 1.97 (d) together with a:
 Statement under 37 CFR 1.97(e)(1) or (2), and
 a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. **EL871861274US**

Date of Deposit 1-15-04

Respectfully submitted,

Brian Craig Lee et al

By Donald J. Coulman

Donald J. Coulman

Attorney/Agent for Applicant(s)
Reg. No. **50,406**

Date: 1-15-04

Typed Name: **Donald J. Coulman**

FORM PTO-1449		ATTY. DOCKET NO. 10019978- 4	APPLICATION NO. Unassigned	CONFIRMATION NO.
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT Brian Craig Lee, et al.		
(Use several sheets if necessary)		FILING DATE Here with	GROUP 1734	

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
1A	4,197,289	Apr 08, 1980	Sturzenegger, et al.	
1B	4,285,978	Aug 25, 1981	Quinlivan	
1C	4,771,295	Sep 13, 2001	Baker, et al.	
1D	4,925,670	May 15, 1990	Schmidt	
1E	5,070,410	Dec 03, 1991	Hadley	
1F	5,511,726	Apr 30, 1996	Greenspan, et al.	
1G	5,543,164	Aug 06, 1996	Krochta, et al.	
1H	5,699,649	Dec 23, 1997	Abrams, et al.	
1I	5,714,007	Feb 03, 1998	Pletche, et al.	
1J	5,894,841	Apr 20, 1999	Voges	
1K	5,960,609	Oct 05, 1999	Abrams, et al.	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
	1L	EP1096250A2	May 02, 2001	Agilent Technologies	G01N	21956		
	1M	EP1080898A2	Mar 07, 2001	Hewlett-Packard Co.				
	1N	DE19940241A1	Mar 03, 2001	LTS Lohmann Therapie.				
	1O							
	1P							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	'Development of a High-Resolution Thermal Inkjet Printhead', by William A. Buskirk, David E. Hackleman, Stanley T. Hall, Paula H. Kanerek, Robert N. Low Kenneth E. Trueba, and Richard R. Van de Poll; from the "Hewlett-Packard Journal" October 1998 pp107-113
1R	'Laser-Comparable Inkjet Text Printing', by Jamie H. Bohorquez, Brian P. Canfield, Kenneth J. Courian, Frank Frog, Corrina A.E. Hall, Clayton L. Holstun, Aneesa R. Scandalis, and Michele E. Shepard; from the "Hewlett-Packard Journal" February 1994 pp263-271
1S	'The Third -Generation HP Thermal Inkjet Printhead', by J. Stephen Aden, Jaime H. Bohorquez, Douglas M. Collins, M. Douglas Crook, Andre Garcia and Ulrich E. Hess; from the "Hewlett-Packard Journal" February 1994 pp295-299

EXAMINER

DATE CONSIDERED

PATENT APPLICATION

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FORM PTO-1449		ATTY. DOCKET NO. 10019978-4	APPLICATION NO. Unassigned	CONFIRMATION NO.
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT Brian Craig Lee, et al.		
(Use several sheets if necessary)		FILING DATE Here with	GROUP 1734	

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
2A	5,992,890	Nov 30, 1999	Simcox	
2B	6,007,630	Dec 28, 1999	Pletcher, et al.	
2C	6,074,688	Jun 13, 2000	Pletcher, et al.	
2D	6,063,412	May 16, 2000	Hoy	
2E	6,027,758	Feb 22, 2000	McHugh, et al.	
2F	6,039,430	Mar 21, 2000	Helterline, et al	
2G	6,474,786	Nov, 2002	Percin, et al	
2H	6,079,814	Jun, 2000	Lean, et al	
2I	5,644,343	Jul, 1997	Allen	
2J	6,347,857	Feb, 2002	Purcell, et al	
2K	4,877,745	Oct, 1989	Hayes, et al	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
	2L							
	2M							
	2N							
	2O							
	2P							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

2Q	'Printhead Design' from "2000 Torrey Pines Research" pp83-151
2R	
2S	

EXAMINER

DATE CONSIDERED

PATENT APPLICATION

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FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		ATTY. DOCKET NO. 10019978-4	APPLICATION NO. Unassigned	CONFIRMATION NO. 3007
		APPLICANT Brian Craig Lee, et al.		
		FILING DATE Here with	GROUP 1734	

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
1A	4,548,825	Oct. 22, 1985	Voss, et al.	
1B	5,609,908	Mar. 11, 1997	Voss	
1C	5,881,716	Mar. 16, 1999	Wirch, et al.	
1D	5,925,732	Jul. 20, 1999	Ecker, et al.	
1E	6,086,942	Jul 11, 2000	Carden, Jr. et al.	
1F	4,029,757	Jun, 1977	Mlodzeniec, et al	
1G	5,300,968	Apr, 1994	Hawkins	
1H	6,402,280	Jun, 2002	Kneezel, et al	
1I	4,322,449	Mar 30, 1982	Voss, et al	
1J				
1K				

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L					
	1M					
	1N					
	1O					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	
1R	
1S	

EXAMINER

DATE CONSIDERED